



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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June 12, 2003

CERTIFIED RETURN RECEIPT  
7099 3400 0016 8896 2161

Brad G. Boyter  
Western Clay Company, Inc.  
P.O. Box 127  
Aurora, Utah 84620

Re: Five-Year Review of Reclamation Surety Estimate & Division Directive, Western Clay Company, Inc.,  
Redmond Limestone Quarry, M/041/004, Sevier County, Utah

Dear Mr. Boyter:

Thank you for providing the requested information regarding the five-year review status of your Redmond Limestone Quarry, located in Sevier County, Utah. Upon review of the information furnished by Western Clay Company, Inc., a site visit to verify the site conditions was performed. Following recent consultation with the School and Institutional Trust Lands Administration, we were advised that there is no reclamation surety on file for this large mine site. Rule R647-4-113 requires a large mining operation to have an appropriate reclamation surety on file with the Division before large mining operations begin, or continue to operate.

Accordingly, *the Division hereby directs Western Clay Company to cease active mining and/or removal of stockpiled product from this mine site, until the appropriate reclamation surety is filed with and accepted by this office.* The reclamation estimate for the Redmond Limestone Quarry calculated to the year 2008 is \$25,000. A Surety Cost Estimate is attached for your use. Please provide the updated surety within 60 days, or no later than August 8, 2003.

Please contact Joelle Burns at (801) 538-5291 to obtain the current bonding forms, or you may access the current forms on the internet at [www.ogm.utah.gov](http://www.ogm.utah.gov). A Reclamation Contract will also need to be submitted along with the reclamation surety. The contract can also be located on the web. Please fax a "draft" copy of the documents so we can review them for completeness and accuracy before they are finalized.

If you are unable to provide the surety within this timeframe, please contact the Division with justification for requesting additional time. Thank you for your cooperation in providing and then keeping the surety current. If you have any questions concerning this letter, please contact Doug Jensen at (801) 538-5382.

Sincerely,

D. Wayne Hedberg  
Permit Supervisor  
Minerals Regulatory Program

jb

Attachment: Surety estimate update

cc: John Blake, SITLA

Doug Jensen, DOGM

O:\M041-Sevier\M0410004-Redmond Limestone Quarry\Draft\surety-ltr-06092003.doc

RECLAMATION SURETY ESTIMATE					
Western Clay Company		last revision		06/09/03	
Redmond Limestone Quarry		filename M041-004 WB2			
DOGM file number M/041/004		Sevier County			
Prepared by Utah State Division of Oil, Gas & Mining					
<p>-Operator has committed to utilize drilling &amp; blasting to reduce highwall</p> <p>-Initial permit application committed to reclaim access road - 1/4 mile X 20' width (.61 acres)</p> <p>-soils (growth medium) to be replaced @ 4" depth over entire site - overburden to be used if soil is not available (overburden material to be amended using 5 ton/acre of manure)</p>					
Note: actual unit costs may vary according to site conditions				last unit cost update 10/07/02	
-Amount of disturbed area which will receive reclamation treatments =				7.14 acres	
-Estimated total disturbed area for this mine =				7.14 acres	
Activity	Quantity	Units	\$/unit	\$	Note
Ripping access roads- dozer	0.61	acre	246	150	(9)
Topsoil replacement - dozer	3490	CY	0.5	1745	(12)
Highwall reduction - drill and blast (30' height - approx)	2250	CY	3.5	7875	(14)
Rip site prior to seeding	6.53	acre	246	1606	(00)
Composted manure (5 ton/acre)	3.25	acre	150	488	(00)
Broadcast seeding	7.13	acre	240	1711	(00)
General site cleanup & trash removal	3	acre	50	150	(00)
Equipment mobilization	2	equip	2000	4000	(00)
Reclamation supervision -10% of reclamation estimate				1950	(15)
	Subtotal			19675	
10% Contingency				1968	
	Subtotal			21643	
Escalate for 5 years at 2.89% per year				3313	
	Total			24956	
Rounded surety amount in year 2008 \$				25000	
Average cost per disturber acre =				3495	

- |      |   |
|------|---|
| (9)  | Means 2002 & Blue Book 3Q/02 Cat D8R, U, multi shank rippers, speed 1.0 mph |
| (14) | DOGM general estimate - highwall reduction                                  |
| (00) | DOGM general estimate - manure \$16/ton delivered, \$14 ton/acre spreading  |
| (00) | DOGM general estimate - broadcast seeding                                   |
| (00) | DOGM general estimate - site cleanup & trash removal                        |
| (00) | DOGM general estimate - equipment mobilization                              |
| (15) | Means 2002, 01300-700-0180, project manager, minimum \$2,000/wk             |